

FLAT SLABS



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The main purpose of flat slabs is to distribute the internal load of the building, i.a. the weight of furniture, people and structural elements, across the surface. Flat slabs are mainly characterized by dimensions and bearing capacity (the slab's bearable load). The grade of concrete used in the slab plays a pivotal role.

Most flat slabs are manufactured from heavy concrete (usually, grades V-35 or V-40). The material used in the slab must fully meet the main requirements – durability, crack strength, environmental tolerance etc.

Most flat slabs are capable of carrying 800-1250 kg/m².

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